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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

MOON & MAO

Serial No. 10/045,400

Filed: November 29, 2001

) Group Art Unit: 1642
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Examiner: Misook Yu

Atty. Dkt. No. 006586.00003

For: **DAP-KINASE AND HOXA9, TWO HUMAN GENES ASSOCIATED WITH GENESIS, PROGRESSION, AND AGGRESSIVENESS OF NON-SMALL CELL LUNG CANCER**

INFORMATION DISCLOSURE STATEMENT

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In accordance with 37 C.F.R. §§ 1.97 and 1.98, enclosed are two PTO Forms-1449 listing documents for the Examiner's consideration during the prosecution of the subject application. Copies of the non-patent literature documents are enclosed. If a fee is due, please charge our Deposit Account No. 19-0733.

Respectfully submitted,

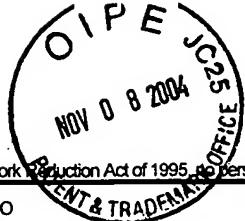
Date: November 8, 2004

By:

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/045,400
Filing Date	November 8, 2004
First Named Inventor	Chul-so MOON
Art Unit	1642
Examiner Name	Misook YU

Attorney Docket Number 006586.00003

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 6,255,293	07-03-2001	KIMCHI	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		BORROW et al., "The t(7;11)(p15;p15) translocation in acute myeloid leukaemia fuses the genes for nucleoporin NUP98 and class I homeoprotein HOXA9", <u>Nat Genet</u> , February 1996, Vol. 12, No. 2, pp. 159-167, Abstract.	
		BRABENDER et al., "Hypermethylation of Multiple Genes in Non-Small Cell Lung Cancer", <u>Proceedings of the American Association for Cancer Research; Molecular Biology</u> 18, Abstract #2566, March 2001, Vol. 42, p. 76	
		CALVO et al., "Altered HOX and WNT7A expression in human lung cancer", <u>PNAS</u> , November 7, 2000, Vol. 97, No. 23, pp. 12776-12781.	
		CELETTI et al., "Characteristic patterns of HOX gene expression in different types of human leukemia", <u>Int J Cancer</u> , January 21, 1993, Vol. 53, No. 2, pp 237-244, Abstract.	
		ESTELLER et al., "Detection of Aberrant Promoter Hypermethylation of Tumor Suppressor Genes in Serum DNA from Non-Small Cell Lung Cancer Patients", <u>Cancer Research</u> , 01 Jan. 1999, Vol. 59, pp 67-70, esp. the abstract, page 67 second column, page 68.	
		FIELD, et al., "Microsatellite instability in non-small-cell lung cancer and bronchial lavage specimens", <u>Proceedings of the American Associate for Cancer Research; Molecular Biology/Biochemistry</u> 5, Abstract #1015, March 1997, Vol. 38, p. 151.	
		KIM et al., "Promoter methylation of DAP-kinase: association with advanced stage in non-small cell lung cancer", <u>Oncogene</u> , 2001, Vol. 20, pp 1765-1770.	
		KIMCHI et al., 'DAP-kinase: a pro-apoptotic gene with tumor suppressor activity", <u>Oncology Research</u> , 2001, Vol. 12, p. 262.	
		KISSIL et al., "DAP-kinase loss of expression in various carcinoma and B-cell lymphoma cell lines: possible implications for role as tumor suppressor gene", <u>Oncogene</u> , July 24, 1997, Vol. 15, No. 4, pp. 403-407, Abstract.	
		MAO et al., "Molecular Detection of Primary Bladder Cancer by Microsatellite Analysis", <u>Science</u> , February 2, 1996, Vol. 271, pp. 659-662.	

Examiner Signature		Date Considered
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Sheet

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MOON et al., "Expression of Human HOXA9 Gene as a Potential Novel Tumor Marker", <u>Proceedings of the American Associate for Cancer Research; Molecular Biology</u> 1, Abstract #330, March 2001, Vol. 42, p. 62.	
		TANG et al., "Hypermethylation of the DAP-kinase CpG Island Correlates with Aggressive Biological Behavior in Stage 1 non-small Cell Lung Cancer, <u>Proceedings of the American Association for Cancer Research Annual Meeting; Molecular Biology</u> 6, Abstract #497, March 2000, Vol. 41, page 78, the entire document.	
		TANG et al., "Hypermethylation of the death-associated protein (DAP) kinase promoter and aggressiveness in stage I non-small-cell-lung cancer", <u>Journal of the National Cancer Institute (Bethesda)</u> , 20 Sept. 2000, Vol. 92, No. 18, pp 1511-1516, esp. the last paragraph of page 1511, first column of page 1512, the paragraph bridging page 1512 to 1513, Fig. 1, the paragraph bridging page 1514 to 1515, the first column at page 1515.	
		THORSTEINSDOTTIR et al., "Overexpression of HOXA10 in Murine Hematopoietic Cells Perturbs both Myeloid and Lymphoid Differentiation and Leads to Acute Myeloid Leukemia", <u>Molecular and Cellular Biology</u> , Jan. 1997, Vol. 17, No. 1, pp. 495-505.	
		TIBERIO et al., "HOX gene expression in human small-cell lung cancers xenografted into nude mice", <u>Int J Cancer</u> , August 15, 1994, Vol. 58, No. 4, pp. 608-615, Abstract.	

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